



Attorney Docket No.: VNI-018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Pickett et al.) Notice of Allow. Mailed: August 1, 2002
Serial No.: 09/849,326)
Filed: May 4, 2001) Examiner: Vincent, D.
For: Systems and Methods for Multiple Mode Voice and Data Communications Using Intelligently Bridged TDM and Packet Buses and Methods for Performing Telephony and Data Functions Using the Same) Group Art Unit: 2661))
Commissioner of Patents and Trademarks Washington, D.C. 20231	
ATTENTION: Official Draftsperson	

TRANSMITTAL OF FORMAL DRAWINGS

Applicant hereby submits <u>SEVENTY-SEVEN</u> (<u>1717</u>) sheets of Formal drawings for filing in the above-identified application. A Notice of Allowance was mailed <u>August 1, 2002</u>, and the issue fee payment is being submitted concurrently herewith.

Respectfully submitted

Alan R. Loudermilk
Attorney for Applicant(s)

Registration No.: 32,788

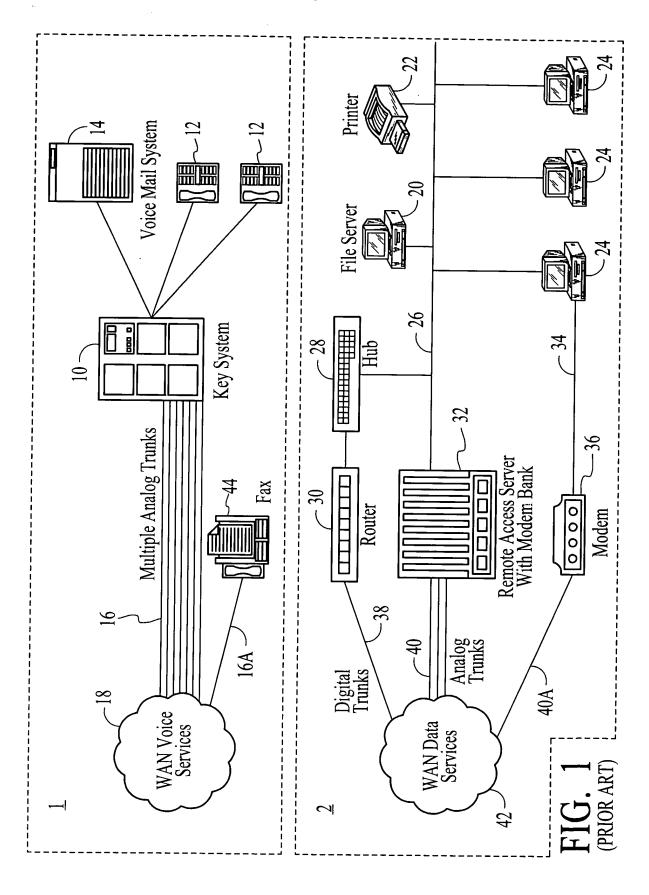
Los Altos, CA 94024-0607 (408) 868-1517

CERTIFICATE OF MAILING

I hereby certify that the foregoing is being deposited with the U.S. Postal Service, postage prepaid, to Box Issue Fee, Assistant Commissioner for Patents, Washington, DC 20231 this Leday of Move, 2002.

Wan R. Loudermilk







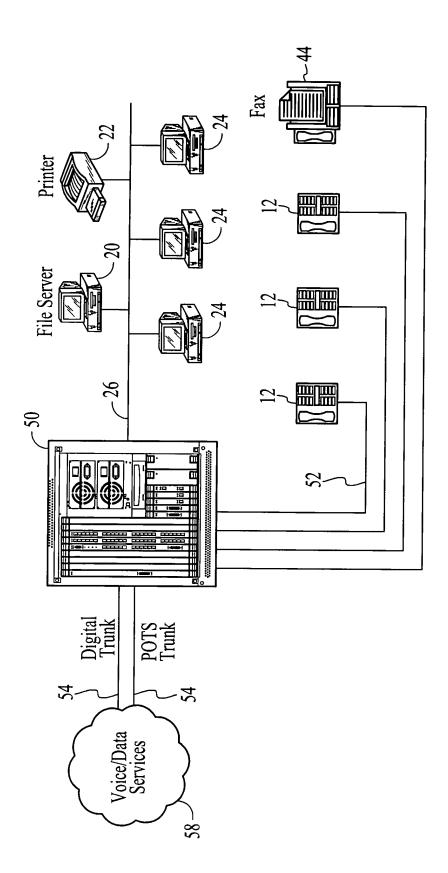
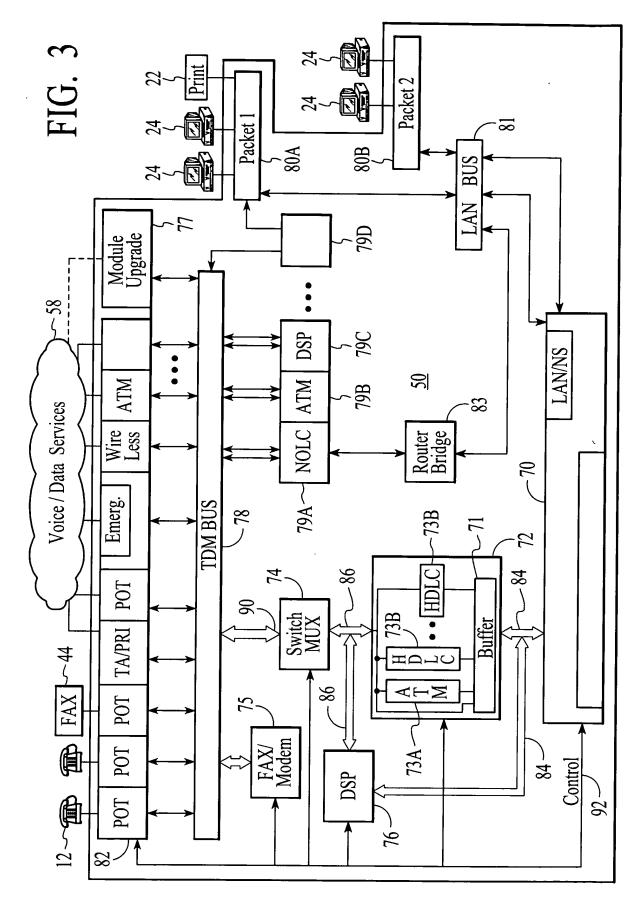


FIG. 2







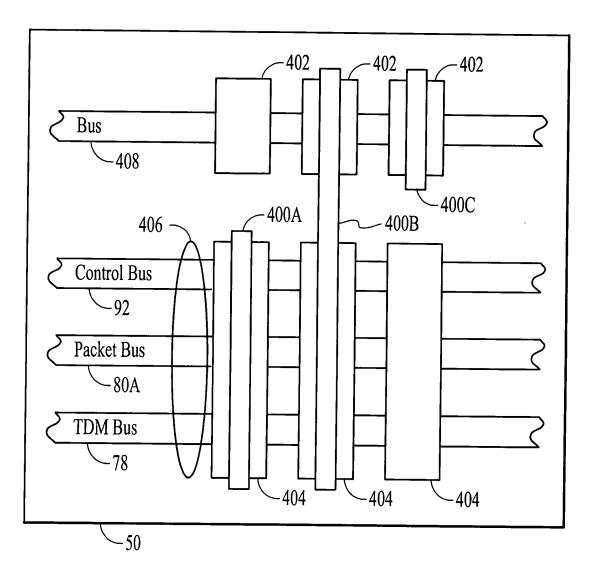


FIG. 3A



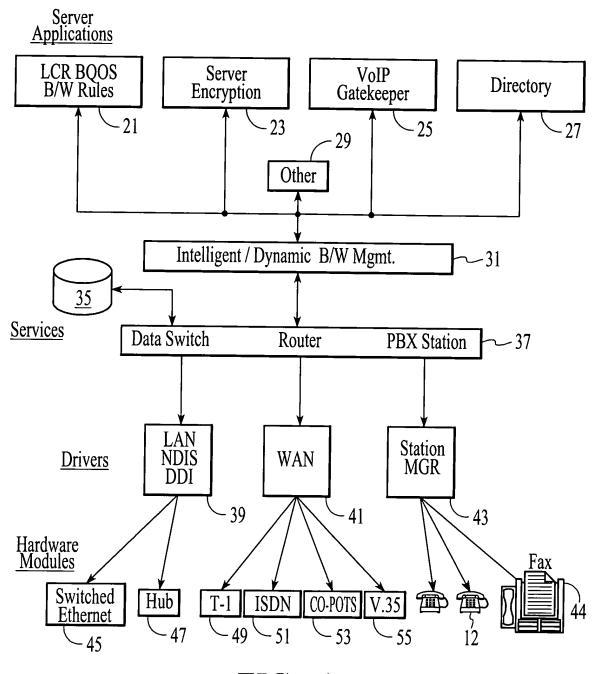


FIG. 4



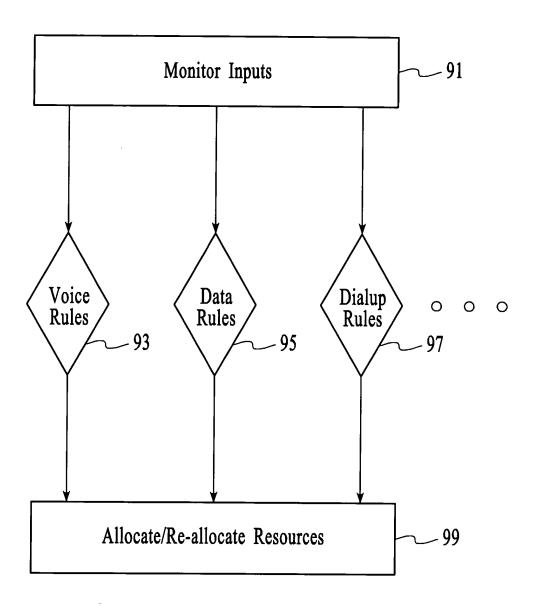


FIG. 5



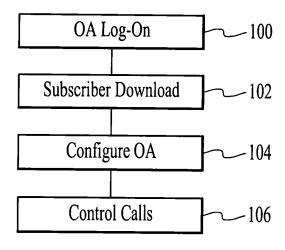


FIG. 6

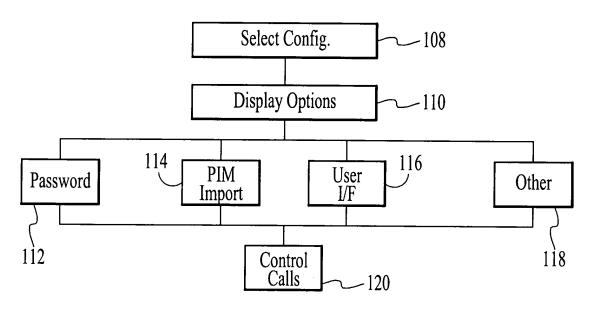


FIG. 7



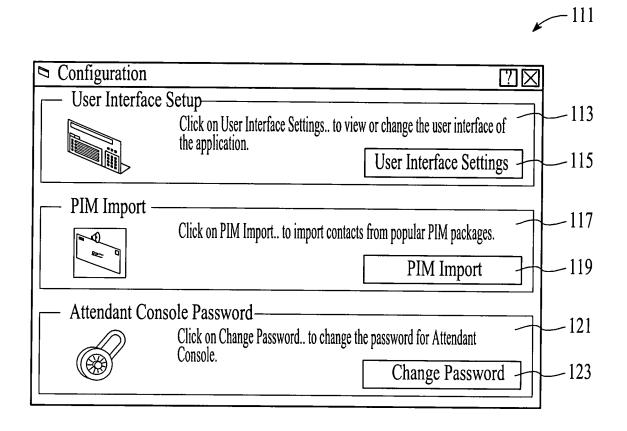


FIG. 7A



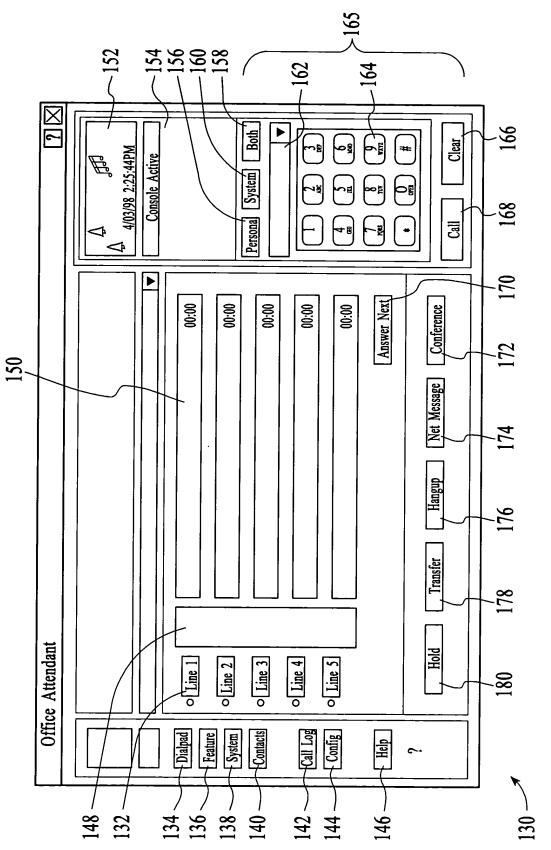


FIG. 8A



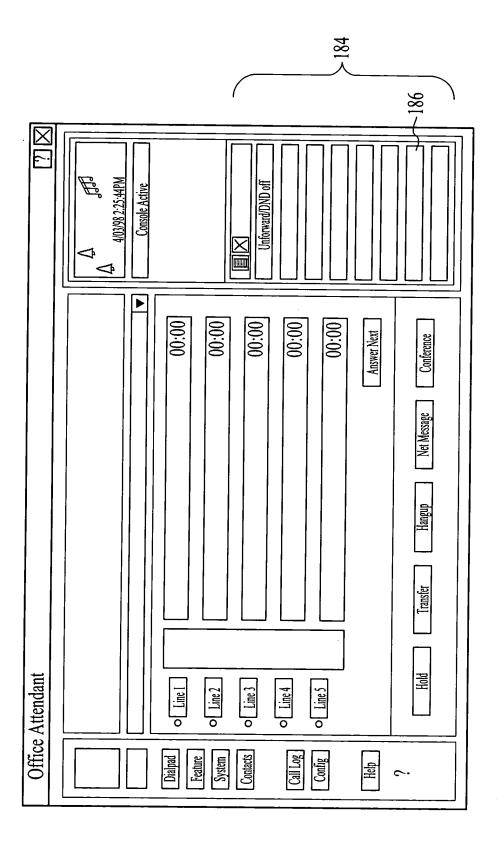


FIG. 8B



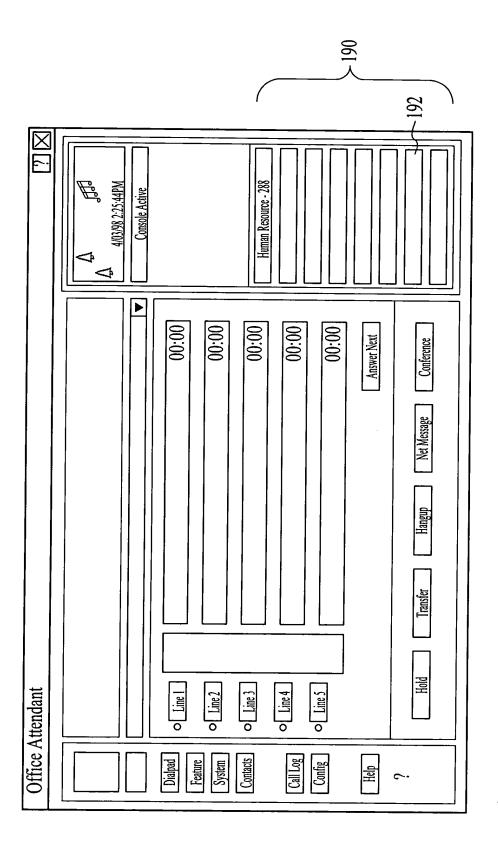


FIG. 8C



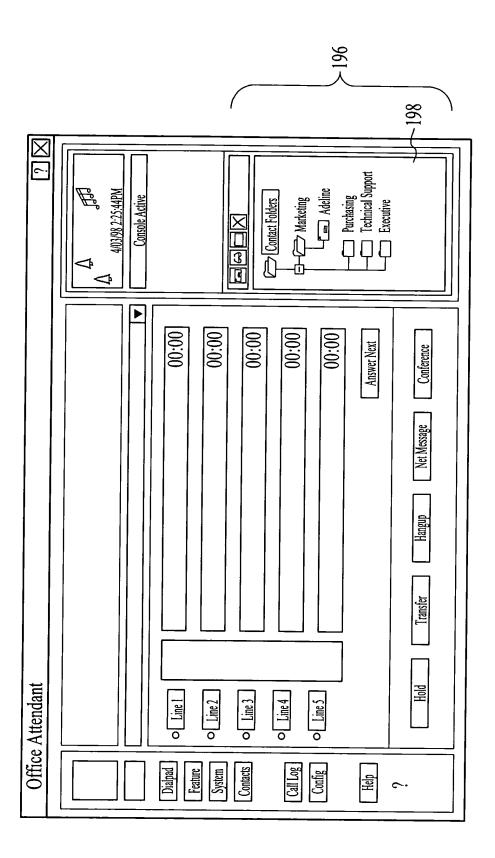


FIG. 8D



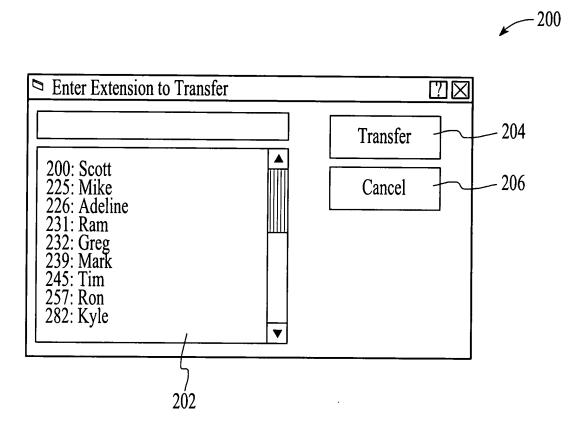
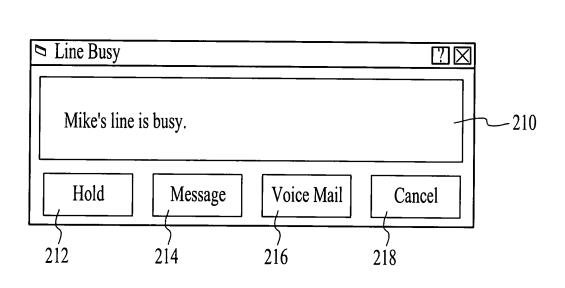


FIG. 9A





-208

FIG. 9B



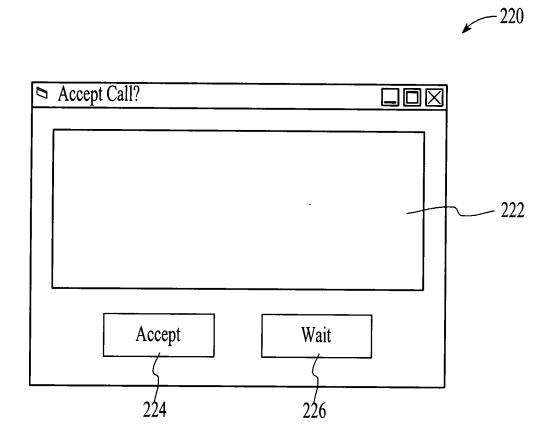


FIG. 9C



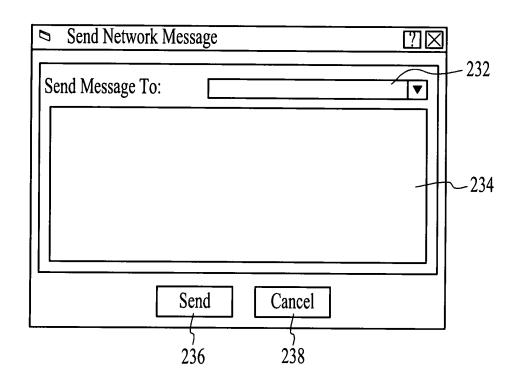


FIG. 10A



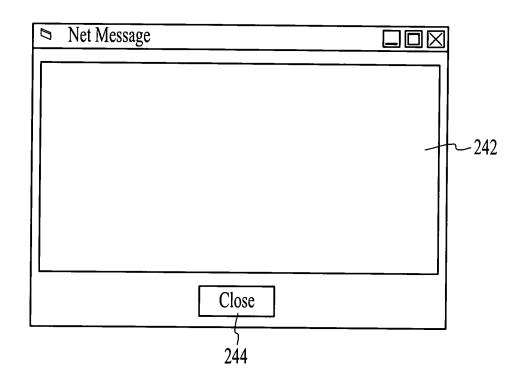
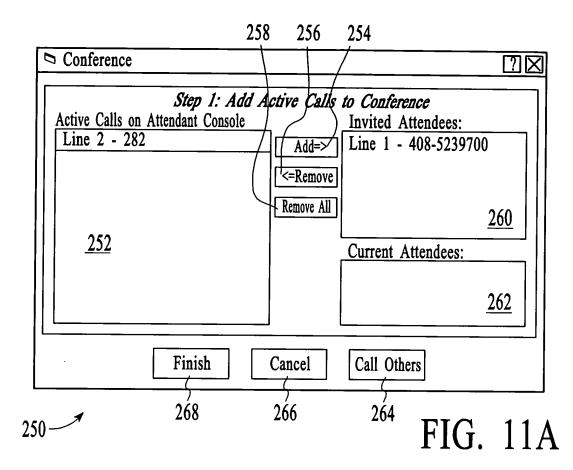
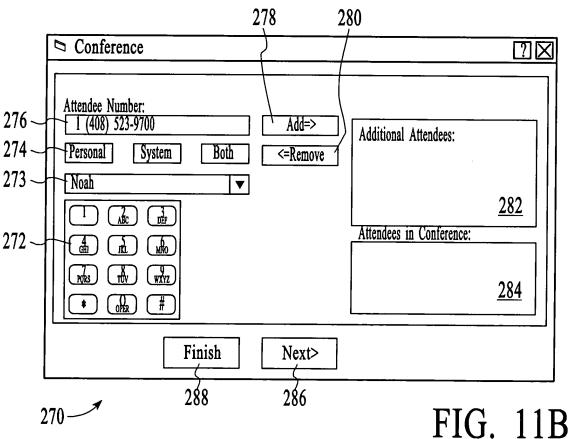


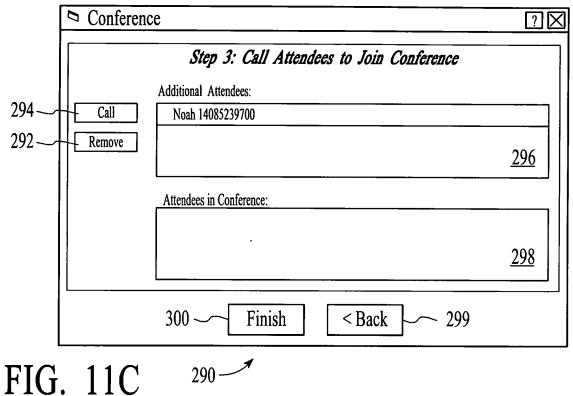
FIG. 10B

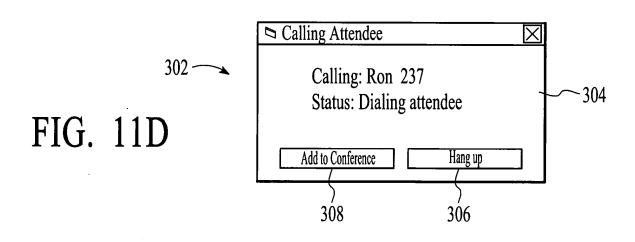












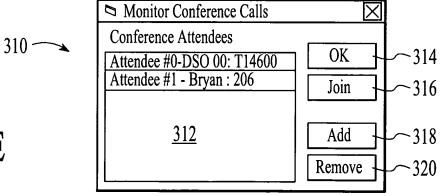


FIG. 11E



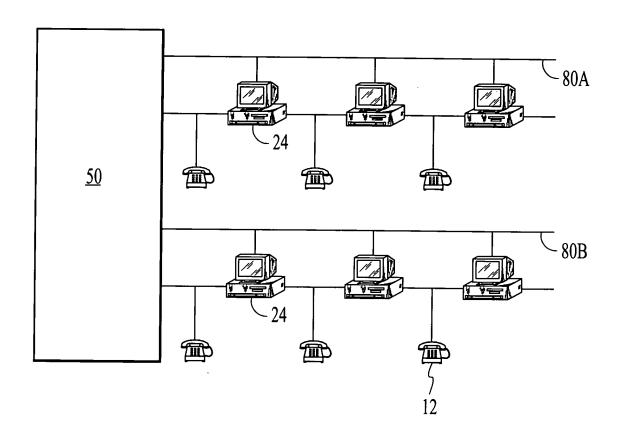


FIG. 12



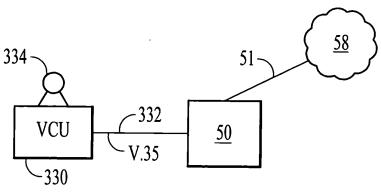


FIG. 13A

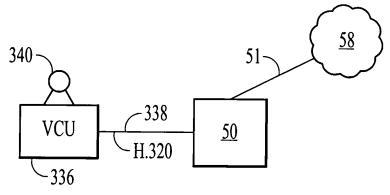


FIG. 13B

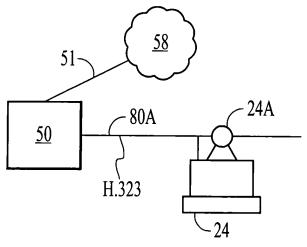


FIG. 13C



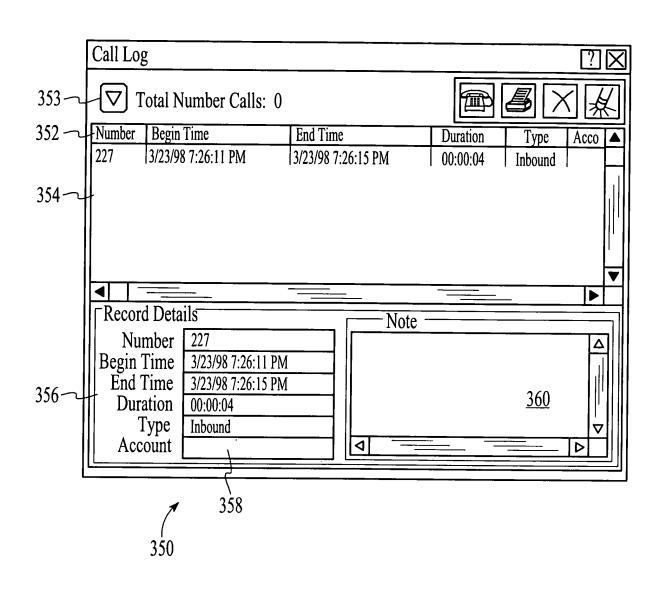


FIG. 14



InstantOffice Remote Managemen	nt Console
Log Off	Diagnostics Help
General Administration	
Chassis View Password Administration	Access Permissions
General Settings 📾 SNMP Configuration 🗔	SNMP Alarms
🔚 Software Versions 🕠 System Backup/Restore	Software Upgrade
Call Detail Report 😻 RAID-1 Configuration	Date and Time
Restart InstantOffice	
PBX, Voice Mail, and CTI Administration	
Extension Configuration Hunt Groups	Local TAPI Configuration
Auto Attendant & Voice Mail Station Ports	CTI Speed Dial No.
First Digit Table	
Data Administration	
IP Network Settings Microsoft RRAS	
IPX Configuration	
Trunk Administration	
Trunk Groups 📝 🔁 Trunk Access Profiles	Frame Relay
T-1 Trunks Analog Trunks	

FIG. 15



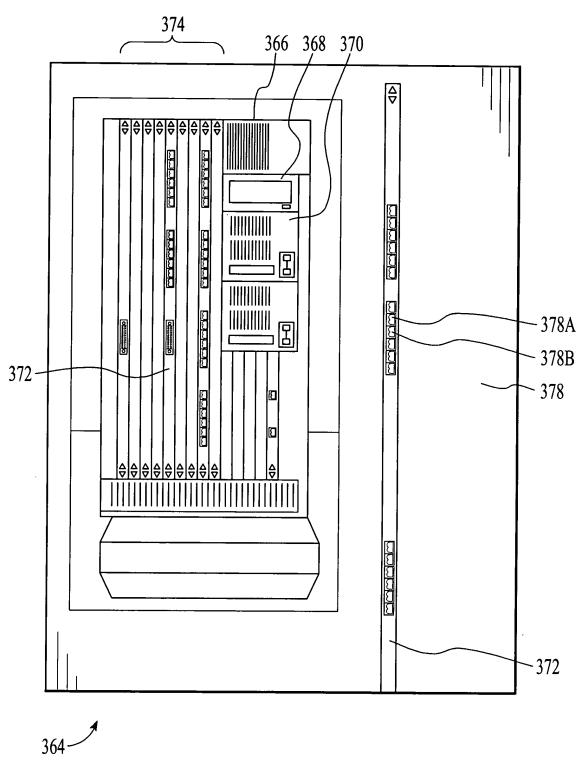


FIG. 16A

Port 1 Port 2	T-1 Trunks						
Channel Settings	Card/Module: (Slot 14) T-1 Module, 2-Port	Δ					
Channel Settings	Port 1 Port 2						
Signaling Trunk Groups 1-1- Yes Wink Start DID Digital	Trunk Settings	_ _]hanne	1 Settings			
Enabled Signaling -1- Yes Wink Start -2- Yes Wink Start -3- Yes Wink Start -5- Wink Start -6- No Wink Start -9- No Wink Start -10- No Wink Start -11- No Wink Start -12- No Wink Start -13- No Wink Start -14- No Wink Start -15- No Wink Start -16- No Wink Start -17- No Wink Start -18- No Wink Start -18- No Wink Start -18- No Wink Start -19- No Wink Start -10- No Wink Start	Trunk in Service			NOSI	=		
-1 - Yes Wink Start -2 - Yes Wink Start -3 - Yes Wink Start -4 - Yes Wink Start -5 - Yes Wink Start -5 - No Wink Start -10 - No Wink Start -20 - No -20 - No Wink Start -20 - No -20			'	Enabled	Signaling	Trunk Groups	
-3- Yes Ground Start	ink Type		<u>+</u> ;	Yes	Wink Start Wink Start	DID Digital Modems	
San			·ψ.<	Yes	Ground Start	Voice Analog	
Sart	Switch Variant		ት ^ት	Xes Xes	Wink Start	DID Analog	
S			٠ <u>٠</u>	22	Wink Start	WAN Data	
Sart	System Clock Reference	-	- ∻	% %	Wink Start	None	
10- No Wink Start			수 : -	2;	Wink Start	None	
12- No Wink Start			┷ ₽₽	22	Wink Start	None	
7 -13- No Wink Start	Framing		 -1:	No.	Wink Start	None	_
14- No Wink Start			÷:	2;	Wink Start	None	-
16- No Wink Start	In Coding		÷;÷	22	Wink Start	None	
-17- No Wink Start -18- No Wink Start -19- No Wink Start -20- No Wink Start -21- No Wink Start -23- No Wink Start -24- No Wink Start -24- No Wink Start	R878		لبا ؛ چ	%;	Wink Start	None	
-19- No Wink Start -20- No Wink Start -21- No Wink Start -22- No Wink Start -23- No Wink Start -24- No Wink Start			┷ ╧	22	Wink Start	None	
-20- No Wink Start -21- No Wink Start -22- No Wink Start -23- No Wink Start -24- No Wink Start	Line Build Out		: 후 T	No.	Wink Start	None	
-21- NO Wink Start -22- NO Wink Start -23- NO Wink Start -24- NO Wink Start	7.5db	<u>.</u>	숙; 그	2;	Wink Start	None	
-23- No Wink Start -24- No Wink Start			÷;;	2.2	Wink Start	None	
-24- No Wink Start	OCourtesy Reset OForce Reset		12	N.	Wink Start	None	
			-54-	No No	Wink Start	None	

FIG. 16B

4		
	ice	Station Statio
	☐ Card in Service	Stutter
	•	Phone Type Caller ID Basic
		State -1234456678910101010101010-
Station Ports	Card/Module:	Disabled

FIG. 16C



Analog Trunk Configuration	
Card/Module: None	▼
Signaling —	Parameters — Trunk Group —
Poi	rt Settings —
Enabled	Signaling Trunk Group
□ Courtesy Reset	Default
Re	estore Apply Done Help

FIG. 16D



Frame Relay Configuration	n
Virtual Port: Port Settings —	▼ □ Removed Add
Name:	
DLCI (16-991)	100
LMI Mode:	User ▼
LMI Type:	T1.617 Annex D ▼
Encapsulation:	RFC1490 ▼
Restore	Apply Done Help

FIG. 16E



Network Settings
Host Name — Domain Name — vertical.com
Network Interface: [1] Resource Switch Card: 10BT Ethernet ▼
IP Address DNS WINS
Windows Internet Name Services (WINS) Primary WINS Server: Secondary WINS Server:
192.168.1.2
☐ Enable DNS for Windows Resolution
Scope ID:
Restore Apply Done Help

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FIG. 16F



InstantOffice I	Diagnostic Tools	
Log Off		TBO [?] Help
Diagnostic Tools		•
. Ping	Netstat	Trace Route
ARP Route Print	Host Name Link Monitor	IP Config Station Monitor
Trunk Monitor	Voice Mail Monitor	Trace Monitor
TBO Windows NT Diagnostics E Event Viewer	Performance Monitor Network Monitor	TBO Task Manager

FIG. 17A



			_	_	. T	_		_	_		_		_									_			_	_			
\boxtimes			_	<	1			_					┙														<u> </u>		
	(in secs): [1		Calling Party	300	301	302	303	304	305	306	8481307	8481308	8481309	8481310	8481311	8481312	8481313	8481314	8481314	8481314	8481314	8481314	8481314	8481314	8481314	8481314	8481314		
	Polling Intervals (in secs):	Refresh	Called Party																										
	Polling) emand	State	Incoming Call			_	Outbound Call	Outbound Call	Outbound Call	Outbound Call			Outbound Call	Done														
	O Use Periodic Polling	Refresh On Demand	Port																									Dc	
				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	<u> </u>	3	3	3	3		
1			Board	T1 Card	Ti Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	Ti Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	Ti Card	T1 Card	T1 Card								
Trunk Monitor			Slot	14	14	14	14	14]4	14	14	14	14	14	14	14	14	14	14	14	14	14	14	7	14	14	14		

FIG. 17B

LILLA MOUNTON								
	0	O Use Periodic Polling	dic Pollin	50	Polling Intervals (in secs):	s (in se	cs): [1	
Į.	•	Refresh on Demand	1 Demand	<u></u>	Refresh			
-	Board	H	Port	Admin	Auto Partition	tion	Link	F
	Ethernet Hub Card	15		Enabled	No		No Link	1
	Ethernet Hub Card	16		Enabled	No		No Link	
	Ethernet Hub Card	17		Enabled	No		No Link	T
- 7	Ethernet Hub Card	18		Enabled	No		No Link	T
	Ethernet Hub Card	19		Enabled	No		No Link	Τ
	Ethernet Hub Card	70		Enabled	No		No Link	Τ
	Ethernet Hub Card	21		Enabled	No		No Link	Τ
	Ethernet Hub Card	22		Enabled	No		No Link	1
	Ethernet Hub Card	23		Enabled	No		No Link	1
	Ethernet Hub Card	24		Enabled	No		No Link	1
	Resource Switch C	1		Enabled	No		No Link	T
	Resource Switch C	2		Enabled	No		No Link	Τ
	Resource Switch C	3		Enabled	No		Link	
	Resource Switch C	4		Enabled	No		No Link	
$\overline{}$	Resource Switch C	5		Enabled	No		No Link	- T
	Resource Switch C	9	_	Enabled	No		No Link	-
	Resource Switch C	7	_	Enabled	No		No Link	Τ-
\neg	Resource Switch C	&		Enabled	No		No Link	 T
	Resource Switch C	6	_	Enabled	No		No Link	Ē
_	Resource Switch C	10		Enabled	No		No Link	_ T
-	Resource Switch C			Enabled	No		No Link	ı
	Resource Switch C	12		Enabled	No		No Link	•
						Done	e Help	
- 1				•]	
								ĺ

FIG. 17C



Link Monitor						
	0	O Use Periodic Polling		Polling Intervals (in secs):	(in secs): [1	
	•	Refresh on Demand	Pu	Refresh		
Extension	State	Other Party	Display Name	Card	Port	
	Offhook Active		Default	0	0	•
	Offhook Active		Default	0	0	
	Offhook Active		Default	0	0	
	Offhook Active		Default	0	0	=
	Offhook Active		Default	0	0	
	Offhook Active		Default	0	0	 -
	Offhook Active		Default	0	0	-
	Offhook Active		Default	0	0	T
	Offhook Active		Default	0	0	
	Offhook Active		Default	0	0	
571	Phone is not op		Default	0	0	
572	Phone is not op		Default	0	0	
100	Idle		Default	0	0	
101	Idle		Default	0	0	Ι
102	Idle		Default	0	0	1
103	Idle		Default	0	0	
104	Idle		Default	0	0	1
105	Idle		Default	0	0	
106	Idle		Default	0	0	
107	Idle		Default	0	0	
108	Idle		Default	0	0	1
109	Idle	-	Default	0	0	•
-					Done Help	
Warning: Applet Window	Window					

FIG. 17D

01PE 40

Remote Trace Monitor
09/11/98 10:45:05:011 NwModule==> InServiceAck - CM = 808AFADO, Streamchan = 00008500
Stop Suspend Search Clear Options
Tracing in Progress

FIG. 17E



···	O Advanced
Trace Categories — Available	Add>> CTI Frame Relay ISDN PBX PPP Trunks Voice Mail
OK	Cancel

FIG. 17F



Component AAServer CDataRep CTICS Connection Manager DSP Manager Add	Advanced Ind Filters Trace Filters Server Remove Clear d Filters
OK	Cancel

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FIG. 17G



Real-7File	Time				
	of Entries D	isplayed —			
1		1		1	1
500 Poll Inter	1000 val in Secon		00	2000	2500
0	 	$ \bigcup_{\frac{1}{2}}$	3	 1 4	
File Searce	ch Paramete	rs —			
– Start Tii YYYY 1998 ▼	me — MM] 01 ▼	DD 01▼	HH 12 ▼	MM 00 ▼	SS 00 ▼
- End Tin	MM	DD	HH	MM	SS
2001	12 ▼	31 🔻	23 ▼	59 ▼	59 ▼

399 —

FIG. 17H



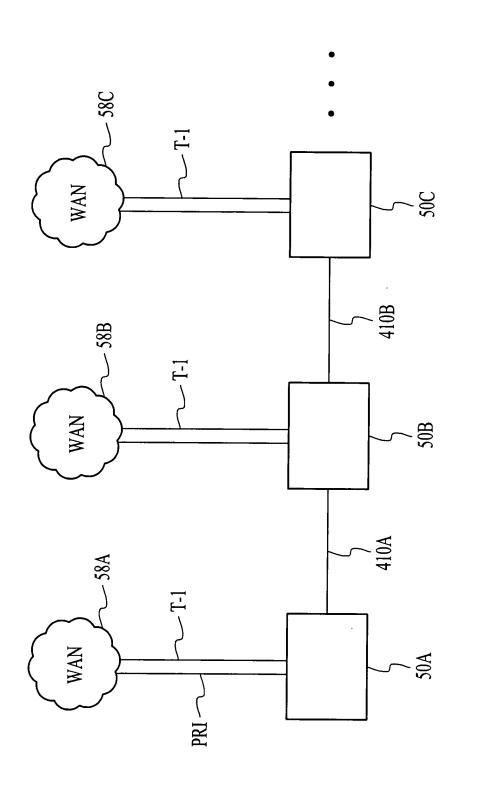
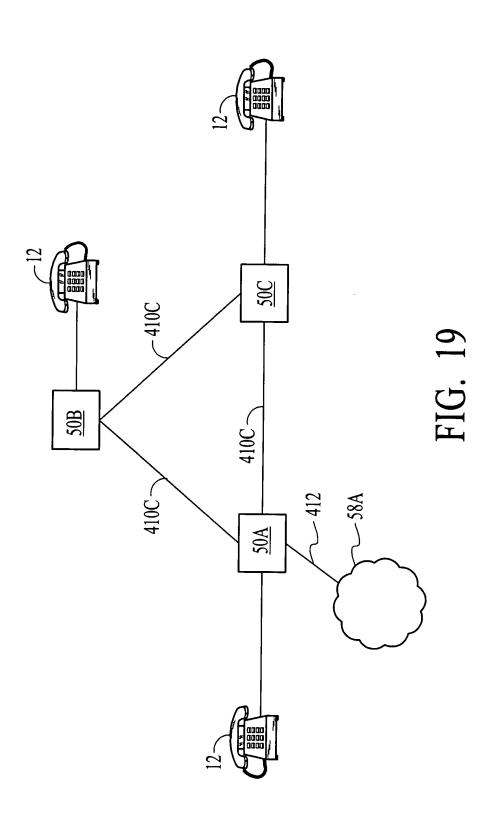


FIG. 18







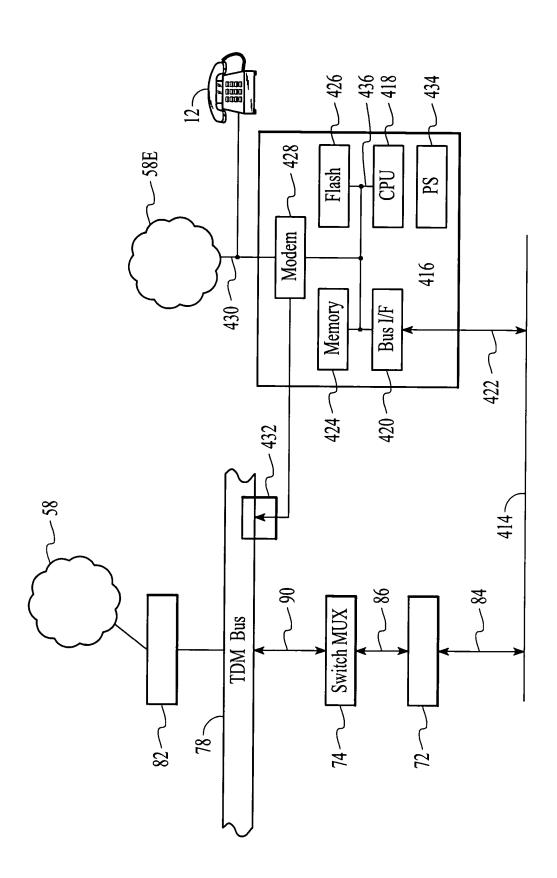
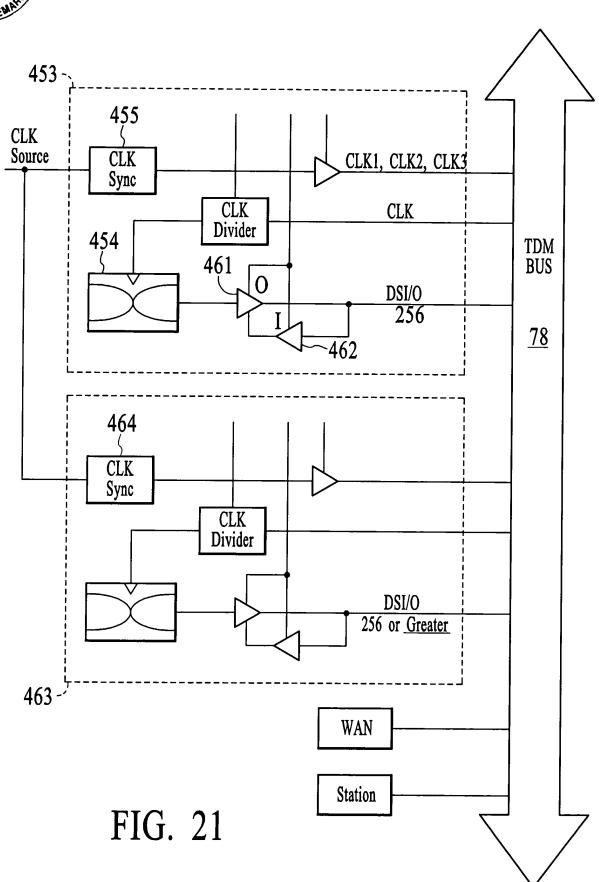


FIG. 20







InstantOffi	ce OfficeComm	unicator		
File View (Call Control	Dial Pad	Help	
Messages Transfer	Calls:			ConsoleActive
Hold	o Line 1		····	00:00
Hangup Join	o Line 2			00:00
JOIII	o Line 3			00:00
Net Msg	Directory I	isting: Type 1	Name Here	▼
Call Log Config.	Dial Pad Feature	1 2 ASC 4 5 FILL	3 DEF 0 MNO	Call
Help ?	System Contacts Conference	TO S TOY	9 #	Clear

FIG. 22

Туре	Name Here	×
Messa	Tim	

FIG. 23



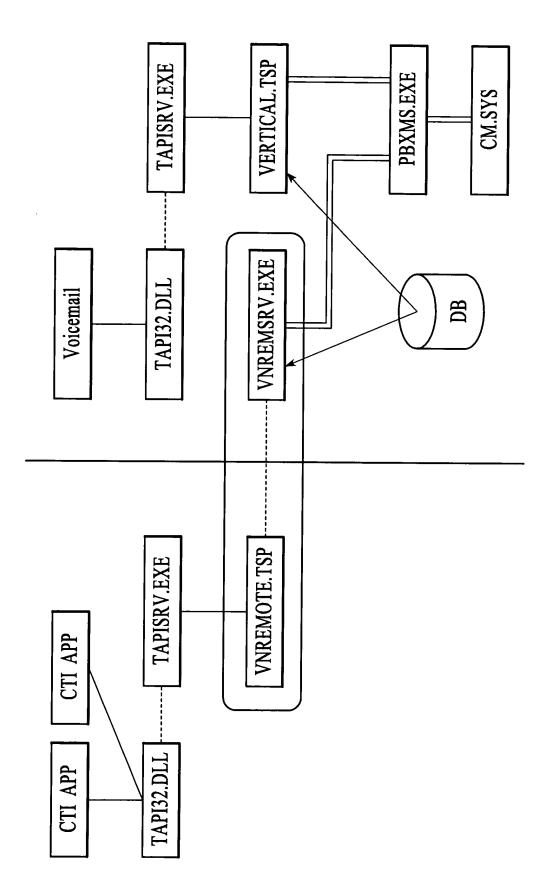


FIG. 24



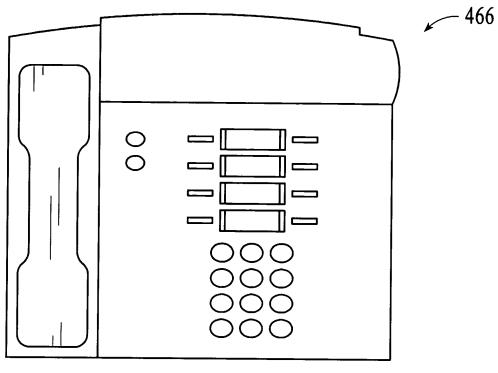


FIG. 25

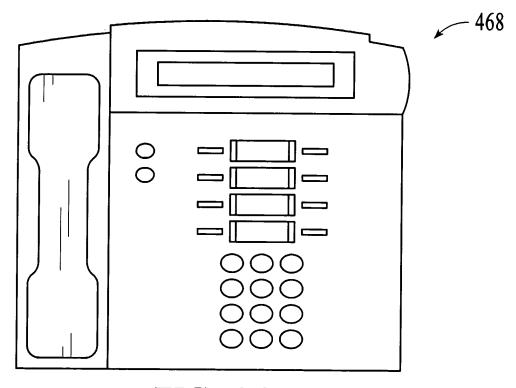


FIG. 26



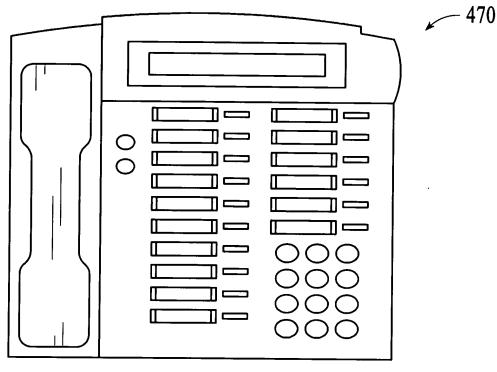


FIG. 27

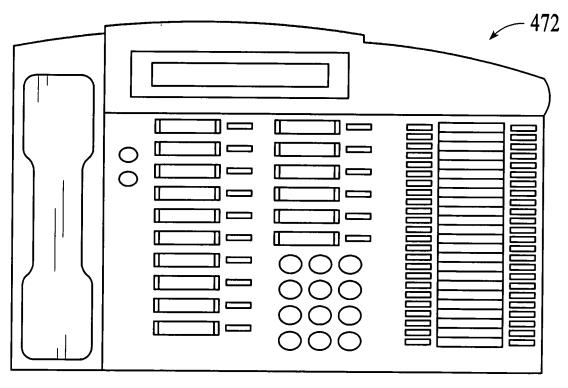


FIG. 28



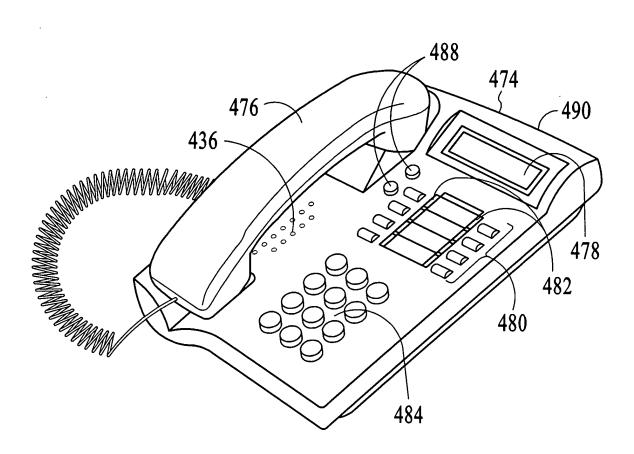


FIG. 29

OIPE CO.

🕹 Configure	User			\boxtimes
Display Nan	ne: Marina Smit	h		
Extension	on: 889		496	
	.			504
Overview	Telephone	Forwarding	Pickup Group	
Slot/Por	rts: Slot 1 (Digita	nl) Port 9:	Marina Smith	
Access Profi	le: Unrestricted			
Langua	ge: (User System	Default)		—
O Attendant O Ring Do O Normal External O Use the O Use this O Use the	l Caller ID —— Default as Configu	ared in General Set	ttings	
		OK	Cancel	Help
492 —		4	93 500	502

FIG. 30



لخ	s Configure	User			\boxtimes
l	Display Nam	ne: Marina Smi	th		
	Extensio	n: 889			506
	Overview	Telephone	Forwarding	Pickup Group	
	choices may be li	mited by the hardware	of supported telephone to of the Slot/Port you ha	ypes below. The available we selected on the Overv	iew tab.
		vorks VN16DDS like to enable the	telephone set?	508	
	> Yes	HAC TO CHAUTE THE	e rerebnone ser!		
	(No				
	510				
	type you have sele	e from the list below. ected above. For digita mmable settings on the	l telephones the "Custor	re determined by the telepnize" button allows you t	phone to
	512	Ü	1		
	Featured		•	Customize	-514
	Features				
	Do Not I	Disturb			
	Call Wait	ting			
	516				
			OK	Cancel	Help
				193 500	502
		T-	T 0 1	500	502

FIG. 31



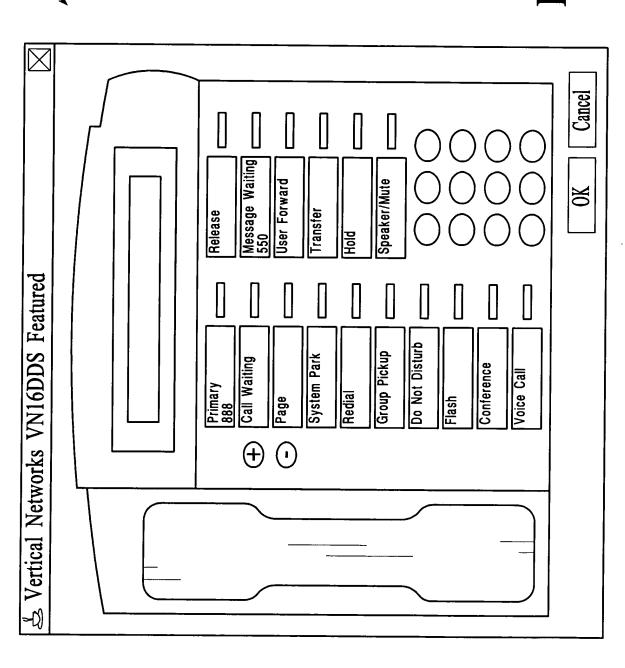
Display Name: Marina Smith Extension: 889 Overview Telephone Forwarding Pickup Group Select the telephone type from the list of supported telephone types below. The available choices may be limited by the hardware of the Slot/Port you have selected on the Overview tab. Vertical Networks VN16DDS Would you like to enable the telephone set? Yes No Select the template from the list below. The available choices are determined by the telephone type you have selected above. For digital telephones the "Customize" button allows you to modify the programmable settings on the telephone. Featured DSS/BLF Each rest	🕹 Configure	User			X
Overview Telephone Forwarding Pickup Group Select the telephone type from the list of supported telephone types below. The available choices may be limited by the hardware of the Slot/Port you have selected on the Overview tab. Vertical Networks VN16DDS Would you like to enable the telephone set? Yes No Select the template from the list below. The available choices are determined by the telephone type you have selected above. For digital telephones the "Customize" button allows you to modify the programmable settings on the telephone. Featured Basic DSS/BLF Customize	Display Name	e: Marina Smit	h		<u></u>
Select the telephone type from the list of supported telephone types below. The available choices may be limited by the hardware of the Slot/Port you have selected on the Overview tab. Vertical Networks VN16DDS Would you like to enable the telephone set? Yes No Select the template from the list below. The available choices are determined by the telephone type you have selected above. For digital telephones the "Customize" button allows you to modify the programmable settings on the telephone. Featured Basic DSS/BLF Customize	Extension	n: 889			
choices may be limited by the hardware of the Slot/Port you have selected on the Overview tab. Vertical Networks VN16DDS Would you like to enable the telephone set? Yes No Select the template from the list below. The available choices are determined by the telephone type you have selected above. For digital telephones the "Customize" button allows you to modify the programmable settings on the telephone. Featured Basic DSS/BLF Customize	Overview	Telephone	Forwarding	Pickup Group	
Would you like to enable the telephone set? ○ Yes ○ No Select the template from the list below. The available choices are determined by the telephone type you have selected above. For digital telephones the "Customize" button allows you to modify the programmable settings on the telephone. Featured Basic DSS/BLF Customize	Select the telephon choices may be lim	e type from the list of nited by the hardware	f supported telephone ty of the Slot/Port you hav	pes below. The available we selected on the Overview tab	
 ○ Yes ② No Select the template from the list below. The available choices are determined by the telephone type you have selected above. For digital telephones the "Customize" button allows you to modify the programmable settings on the telephone. Featured Customize Basic DSS/BLF 	Vertical Netwo	orks VN16DDS	-		!
Select the template from the list below. The available choices are determined by the telephone type you have selected above. For digital telephones the "Customize" button allows you to modify the programmable settings on the telephone. Featured Basic DSS/BLF Customize	○ Yes	ike to enable the	telephone set?	_	
Basic DSS/BLF	Select the template type you have select	cted above. For digital	telephones the "Custom	e determined by the telephone nize" button allows you to	
Basic DSS/BLF	Featured		▼	Customize	
	Basic				
Easturad	L				7
	Featured				
Retail Retail 2	[]				
Secretarial	1 1				- []]
Secretarial 2	1 1				
(None)	(None)		▼	,	
OK Cancel Help			OK	Cancel Help	

512

FIG. 32



FIG. 33



- 518

1



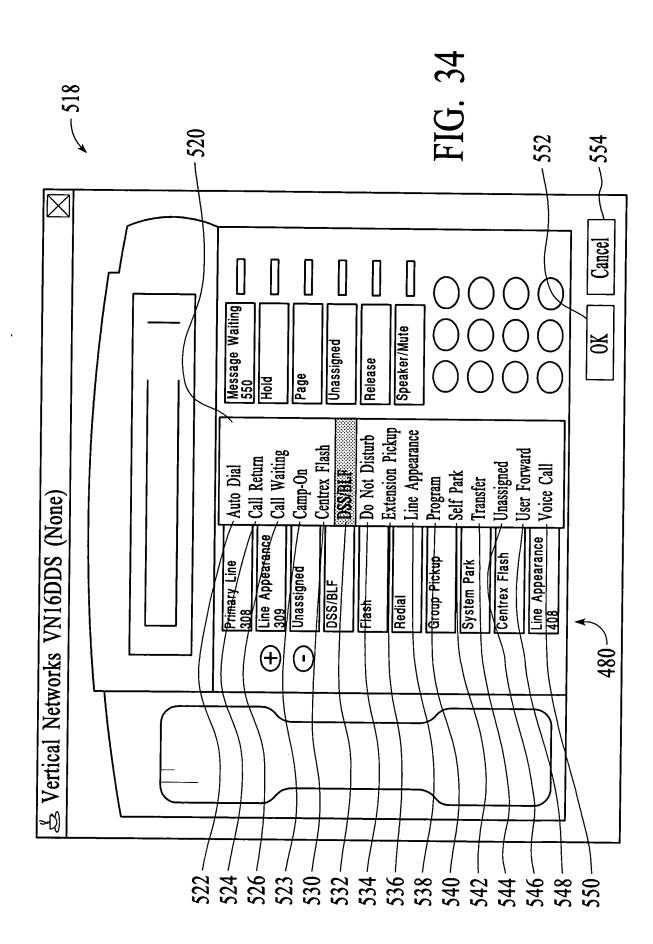
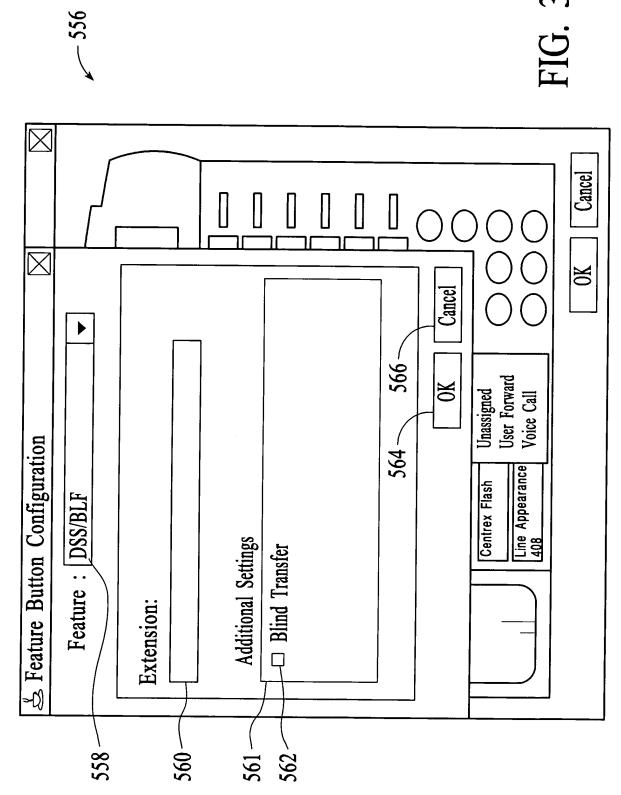




FIG. 35





		\boxtimes
Feature: Primary		
Telephone Number:		
Additional Settings		561
☐ Do Not Ring the Telephone		
☐ Do Not Receive Paging		
☐ OffHook Ring		
✓ Mute Microphone when Voice Calls are Rece	eived	
	OK	Cancel

FIG. 36



Edit Global Access Profile 574 Access Profiles	
Status	Name
	Default Modems System Ports
572	Edit New Delete Copy
Restore	Apply Done Help

570

FIG. 37



rea Code Table Off	Premise Extension Table	Special Digits Table
Initial Digits	Routing Table	Intercept Targe
911 5853204	Route 2 Intercepted> Intercepted> *Blocked* Route 2 Route 1 (New Routing Table)	550
	Edit Routing Table	New Delete

FIG. 38A



lame: Default		
Area Code Table	Privileges Trunk Gro	oup Access Codes
Area Code	Office Code Ran	ge Routing Table
212	Default	Local Calls
408	Default	Acme West
Default	Default	*Blocked*
		Blocked
		Acme West
		3xx Offpremise
		Modems Route
•		Local Calls
		(New Routing Table)
	Edit Routing Table	New Delete

FIG. 38B



Global Access Profile	.' P. (' m11	
Area Code Table Off Pren	nise Extension Table	Special Digits Table
Extension Rang	e Ro	outing Table
300-399	3xx Offpr	emise
	Edit Douting Toble	Now Delete
	Edit Routing Table	New Delete

FIG. 38C



Access Profile Name: Default				
Area Code Table	Privileges	Trunk Group	Access Codes	
Area Code	Office	Code Range	Routing Table	
212	Default		Local Calls	
408	Default		Acme West	
Default	Default		*Blocked* ▼	
			Blocked	
			Acme West	
			3xx Offpremise	
			Modems Route	
4			Local Calls	
	<u> </u>		(New Routing Table)	
	Edit R	Louting Table	New Delete	
			OK Cancel	

FIG. 39A



🕹 Access Profile		
Name: Default		
Area Code Table	Privileges	Trunk Group Access Codes
International (011) Ro	uting Table: [*Blocked* ▼
		Edit Routing Table
Carrier Access Code	Destination:	f I Interface I
		OK Cancel

FIG. 39B



Access Profile Name: Default		
Area Code Table	Privileges	Trunk Group Access Codes
Access	Code	Permission Allowed
83 80 82 84 81		
		OK Cancel

FIG. 39C



ing Table	Local Calls	Step Strip First Keep Last Prepend Postpend Destination Service 1	OK Cancel
Routing Table	Name: Local Calls		

FIG. 40

OIPE TO S 2002

onal Settings Jigit © Two-Digit Code Routing T1 Interface 1 T1 Interface 2 Voice Digital Voice Analog Outbound Routing Testing Not Configured Not Configured Not Configured Not Configured Not Configured Not Configured	nal Settings Jigit © Two-Digit Code Routing Collect Digits T1 Interface 1 3 T1 Interface 2 5 Voice Analog 24 Voice Analog 24 Voice Analog 24 Voice Analog 24 Not Configured 5 Not Configured 6 Not Configured 6 Not Configured 7 In Not Configured 6 In Not Configured 7 In Not Configured 7 In Not Configured 8 In Interface 1 3 In Interface 2 5 In Interface 2 5 In Interface 3 5 In Interface 4 6 In Interface 6 In Interface 1 3 In Interface 2 5 In Interface 3 5 In Interface 4 6 In Interface 5 5 In Interface 6 In Interface 1 11 In Interface 1 11 In Interface 2 5 In Interface 3 5 In Interface 4 1 In Interface 1 1 In Interface 1 1 In Interface 2 5 In Interface 3 5 In Interface 4 1 In Interface 6 6 In Interface 1 1 In Interface 1 1 In Interface 2 5 In Interface 3 5 In Interface 4 1 In Interface 5 5 In Interface 6 6 In Interface 7 1 In Interface 1 1 In Interface 1 2 1 In Interface 2 5 In Interface 2 5 In Interface 3 5 In Interface 4 1 In Interface 6 6 In Interface 7 1 In Interface 7 1 In Interface 1	Collect Digits 3 5 4 4 4 24 NANP NANP 6 6 7 10 10 11 11 12 Apply Done
Routing Collect Digits Interface 1 3 Interface 2 5 E Digital 4 E Analog 24 Configured 5 Configured 6 Configured 6 Configured 8 Configured 8 Configured 8 Interface 1 3 Interface 2 5 Configured 6 Configured 1 10 Interface 2 5 Configured 5 Interface 1 3 Interface 1 3 Interface 2 5 Configured 5 Interface 1 3 Interface 2 5 Interface 1 3 Interface 2 5 Interface 1 3 Interface 2 5 Interface 2 5 Interface 3 Interface 1 Interfac	Routing Collect Digits Interface 1 3 Interface 2 5 Sundigured 24 Sundigured 5 Sundigured 5 Sundigured 6 Sundigured 6 Sundigured 6 Sundigured 8 Sundigured 8 Sundigured 8 Sundigured 11 Sundigured 8 Sund	Routing Collect Digits Interface 1 3 Interface 2 5 The Digital 4 The Dig
ng Collect Digits 1 3 2 5 al 4 outing NANP red 5 red 6 red 7 red 8 red 8 red 8 red 9 red 10	ng Collect Digits 1 3 1 4 2 5 al 4 outing NANP outing NANP red 5 red 6 red 7 I10 10 11	ng Collect Digits 1 3 2 5 al 4 outing NANP outing NANP red 5 red 6 red 7 I 10 10 10 Apply Done
ng Collect Digits 1 3 2 5 al 4 outing NANP red 5 red 6 red 8 red 8 red 8 red 9 10	ng Collect Digits 1 3 1 4 2 5 al 4 outing NANP red 5 red 6 red 7 red 7 10 11 11	ng Collect Digits 1 3 1 4 2 5 al 4 outing NANP red 5 red 6 red 7 I 1 I 1 Apply Done
Ccess Code Routing Collect Digits T1 Interface 1 3 T1 Interface 2 5 Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 5 Not Configured 6 Not Configured 7 Interface 1 3 Not Configured 5 Not Configured 7 Interface 1 3 Interface 2 5 Interface 2 5 Interface 2 5 Interface 3 5 Interface 4 5 Interface 1 3 Interface 1 3 Interface 2 5 Interface 2 5 Interface 3 5 Interface 1 3 Interface 1 3 Interface 1 3 Interface 1 3 Interface 2 5 Interface 2 5 Interface 1 3 Interface 2 5 Interface 1 3 Interface 1 3 Interface 1 3 Interface 1 3 Interface 2 5 Interface 2 5 Interface 2 5 Interface 2 5 Interface 3 5 Interface 2 5 Interface 3 5 Interface 3 5 Interface 4 5 Interface 4 5 Interface 4 5 Interface 4 5 Interface 5 5 Interface 5 5 Interface 6 6 Inter	Ccess Code Routing Collect Digits T1 Interface 1 3 T1 Interface 2 5 Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 6 Not Configured 6 In Interface 1 3 Interface 2 5 Interface 2 5 Interface 3 5 Interface 4 5 Interface 1 3 Interface 2 5 Interface 2 5 Interface 3 5 Interface 4 5 Interface 1 3 Interface 2 5 Interface 2 5 Interface 3 5 Interface 4 5 Interface 1 3 Interface 2 5 Interface 2 5 Interface 3 5 Interface 3 5 Interface 4 5 Interface 1 3 Interface 2 5 Interface 2 5 Interface 3 5 Interface 4 5 Interface 4 5 Interface 5 5 Interface 6 5 Interface 6 5 Interface 6 5 Interface 7 5 Interfac	Ccess Code Routing Collect Digits T1 Interface 1 3 T1 Interface 2 5 Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 5 Not Configured 6 Not Configured 7 Interface 1 3 Voice Analog 24 Not Configured 5 Interface 1 3 Interface 2 5 Interface 2 5 Interface 1 3 Interface 1 3 Interface 2 5 Interface 2 5 Interface 2 5 Interface 1 3 Interface 1 3 Interface 2 5 Interface 2 5 Interface 2 5 Interface 3 5 Interface 2 5 Interface 3 5 Interface 3 5 Interface 4 4 Interface 4 4 Interface 3 5 Interface 4 4 Interface 5 5 Interface 5 5 Interface 6 5 Interface 7 5 Interface 6 5 Inter
T1 Interface 1 5 T1 Interface 2 5 Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 6 Not Configured 8 Not Configured 8 10	T1 Interface 1 3 T1 Interface 2 5 Voice Digital 4 Voice Analog 24 Voice Analog 24 Outbound Routing NANP Testing NANP ▼ Not Configured 6 Not Configured 7 Not Configured 8 10 11 11 11 12 ▼ T1 Interface 10 T2 ▼ T3 ▼ T4 T4 T5 T4 T6 T6 T7 T6 T7 T6 T7 T6 T7 T7 T7 T7 T7 T7 T7 T7	T1 Interface 1 5 Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 6 Not Configured 8 Not Restore Apply Done
T1 Interface 2 5 Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 6 Not Configured 8 Not Configured 8 10	T1 Interface 2	T1 Interface 2 5 Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 6 Not Configured 8 Not Configured 8 I10 I2
Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 5 Not Configured 6 Not Configured 7 Not Configured 8 Not Configured 9 10 10	Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 5 Not Configured 8 Not Configured 8 10 11 11 11	Voice Digital 4 Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 5 Not Configured 8 Not Configured 8 Not Configured 10 10 11 Restore Apply
Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 7 Not Configured 8 Not Configured 9 10 10 11 11	Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 7 Not Configured 8 Not Configured 8 10 10 11 11	Voice Analog 24 Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 8 Not Configured 8 Not Configured 10 10 10 11 11 Restore Apply
Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 7 Not Configured 8 Not Configured 8 10	Outbound Routing NANP Testing NANP Not Configured 6 Not Configured 8 Not Configured 8 10 11 11	Outbound Routing NANP Testing NANP Not Configured 5 Not Configured 7 Not Configured 8 Not Configured 8 10 11 Restore Apply Done
Testing NANP Not Configured 5 Not Configured 7 Not Configured 8 Not Configured 8 10 10	Testing NANP Not Configured 6 Not Configured 7 Not Configured 8 Not Configured 8 110 111	Testing NANP
Not Configured 5 Not Configured 7 Not Configured 8 Not Configured 9 10 11	Not Configured 5	Not Configured 5
Not Configured 7 Not Configured 8 Not Configured 8 10	Not Configured 7	Not Configured Not Configured Not Configured 9 10 11 11 Restore Apply Done
Not Configured 7	Not Configured 7	Not Configured 7 Not Configured 8 10 10 11 11 Apply Done
Not Configured 8	Not Configured 8	Not Configured 8 1 1 1 1 1 1 1 1 1
11	110	9 10 10 12 12 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15
110	10 11 11 12	10 11 12 Apply Done
	11 12	11 12 Apply Done
	<u> </u>	Apply Done

FIG. 41



			ها				11.11
			Remove				
							Doctors Assalt
						•	
	Local Area Codes	8	Add			Code: 212	
t Table		Local Area Codes		1212 212			
First Digit Table	First Digits	 				Home Area	

FIG. 42



General Settings		
Voice Mail (Limits)	Voice Mail (Interaction)	Fault Monitor
System	PBX	PBX (Advanced)
Audio ————————————————————————————————————		
External Caller ID - Prefix Digits: 40	87337vvv	
Company Name a	ler ID Format (for calls init and Main Number Prefix Digits + Extension	,
	Restore Apply	Done Help

FIG. 43A



Name: T1 Interface 1	
Direction: ○ In ○ Out ● Both	
In Out	
Caller ID Format	
 Send Internal Caller ID (as received in tandem calls) 	
Name: T1 Interface 1 Direction: O In O Out O Both In Out Caller ID Format O Send Internal Caller ID (as received in tandem calls) O Send External Caller ID (as received in tandem calls) O Send Company Main Number O Do Not Send Caller ID Hunt Type O Linear O Circular	
Hunt Type	
● Linear ○ Circular	
OK	Cancel

FIG. 43B

01P &

	\boxtimes
Extension: 200	
Display Name: Station 200	
Overview Features Forwarding Pickup List	
Card/Port: Slot 1 ▼ Port 1: Station 200	▼
Access Profile: Default	V
Language: English (United States)	▼
O Attendant Phone	
O Ring Down/Hotline	
O Neither	
External Caller ID	
• Use the default as configured in General Settings	
O Use this number:	
O Append extensions to the default DID pattern	
Use the company's main number	
Send no information	
OK Can	ncel

FIG. 43C

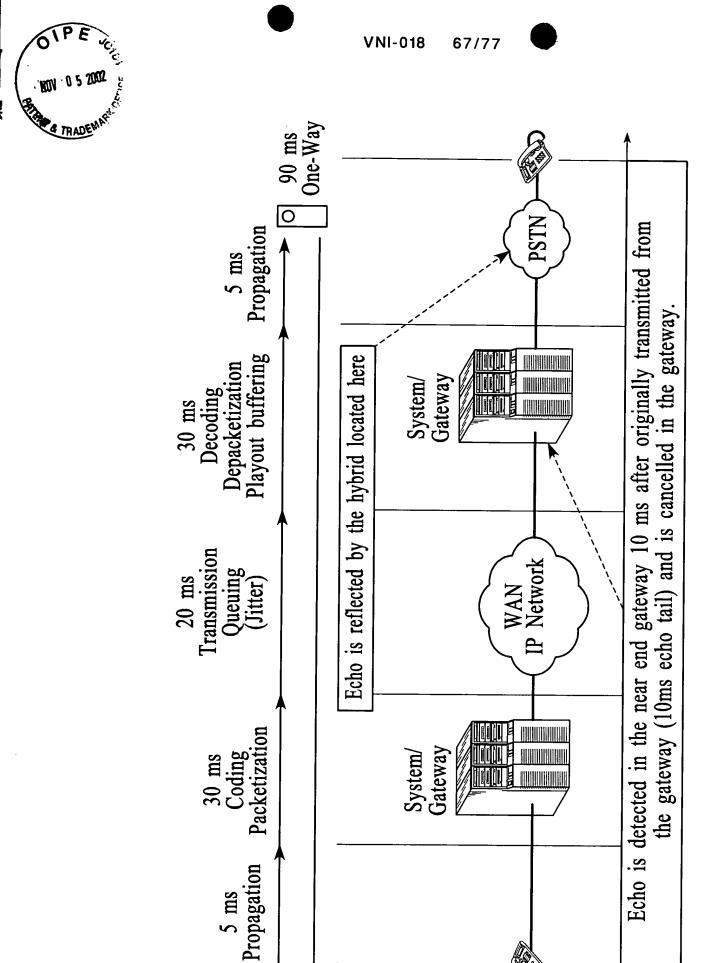


FIG. 44



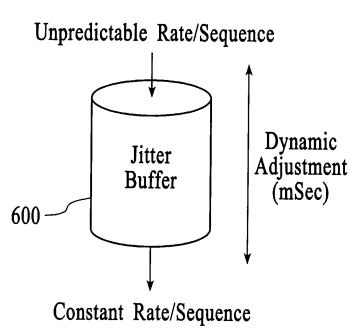
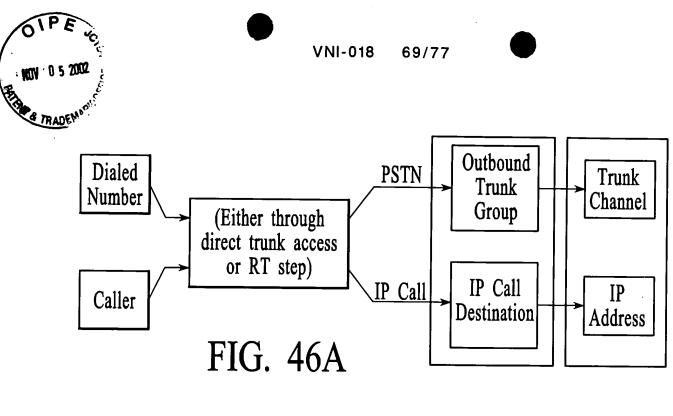
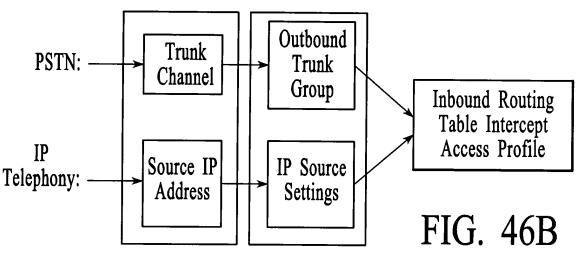


FIG. 45





z Rou	ting Tabl	e					
Name	: To Mu	stang					
Step	Strip First n Digits	Keep Last n Digits	Prepend Digits	Postpend Digits	Destination	ISDN Settings	Up
1	0				IP Mustang	N/A	DOMIL
2	0				Voice Digital	N/A	
3	0				Voice Analog		

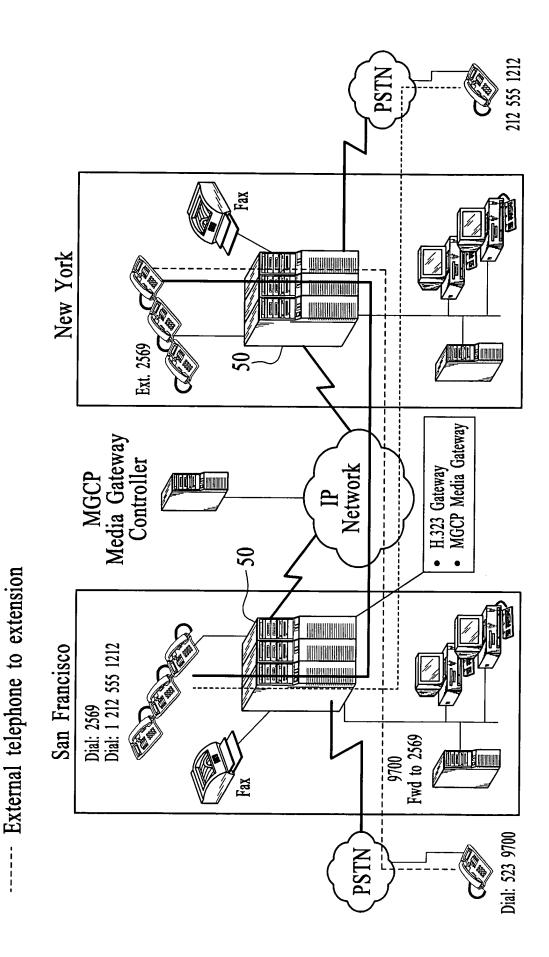
FIG. 46C



FIG. 47A

Extension to external telephone (toll bypass)

Extension to extension (Uniform Dialing)





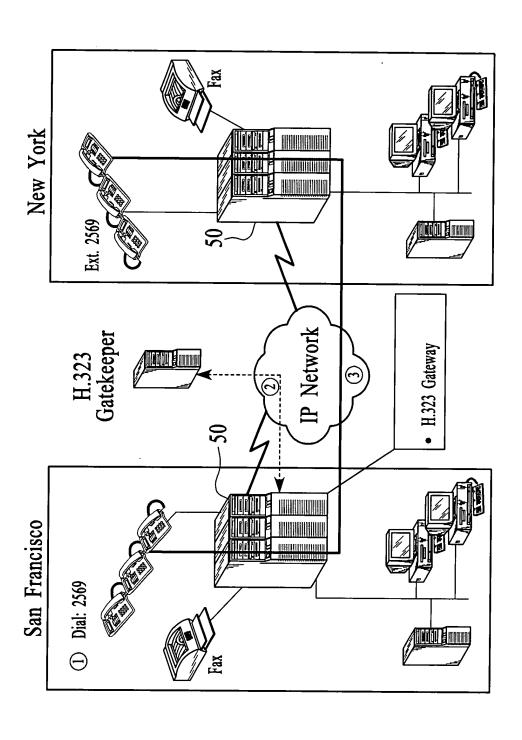
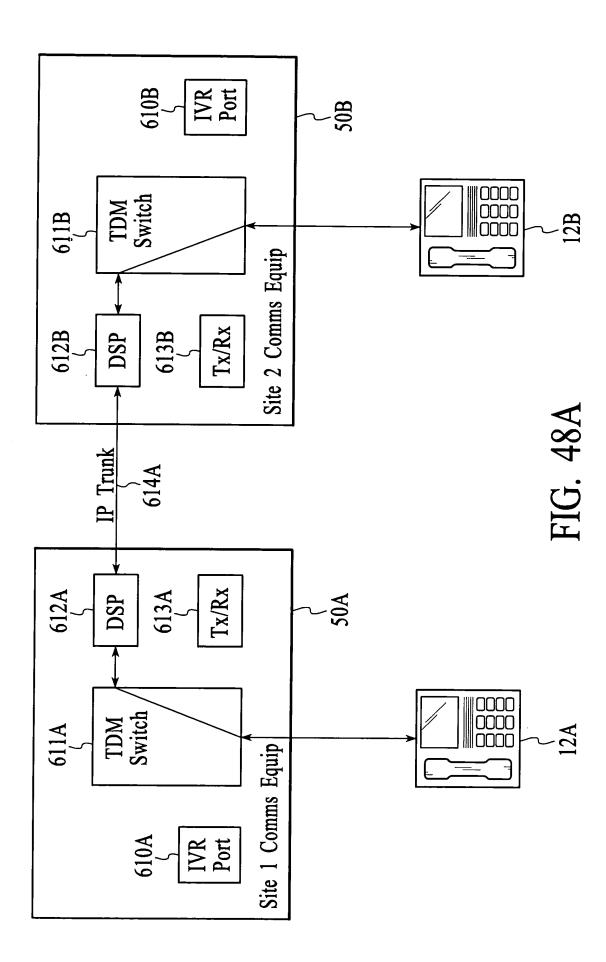


FIG. 47B







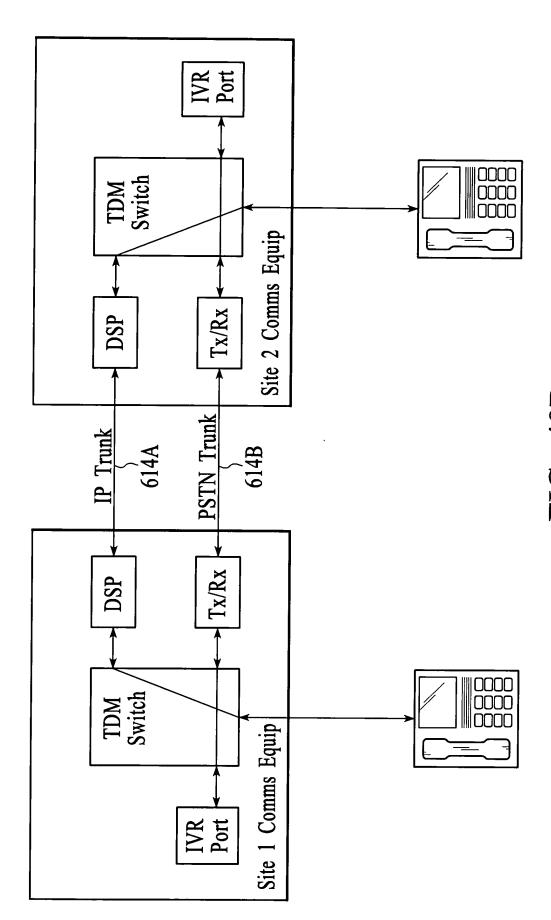


FIG. 48B



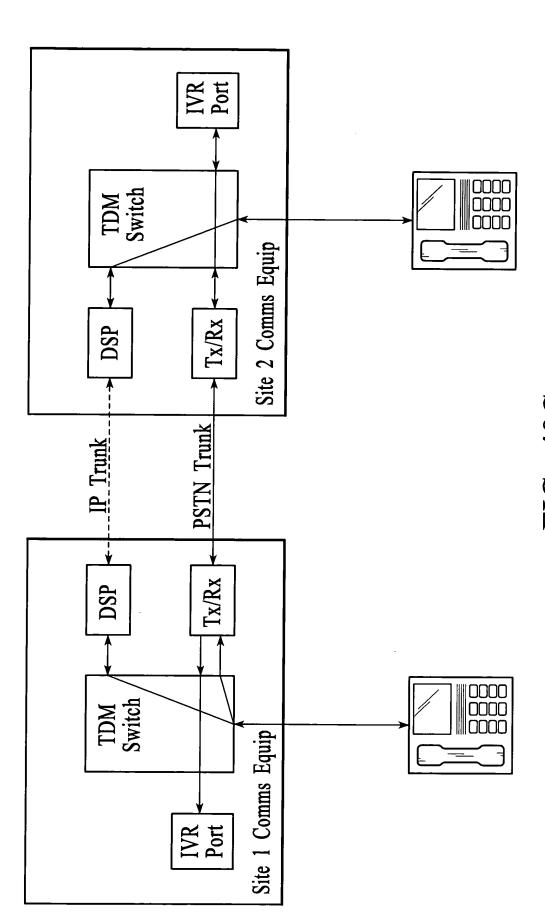


FIG. 48C



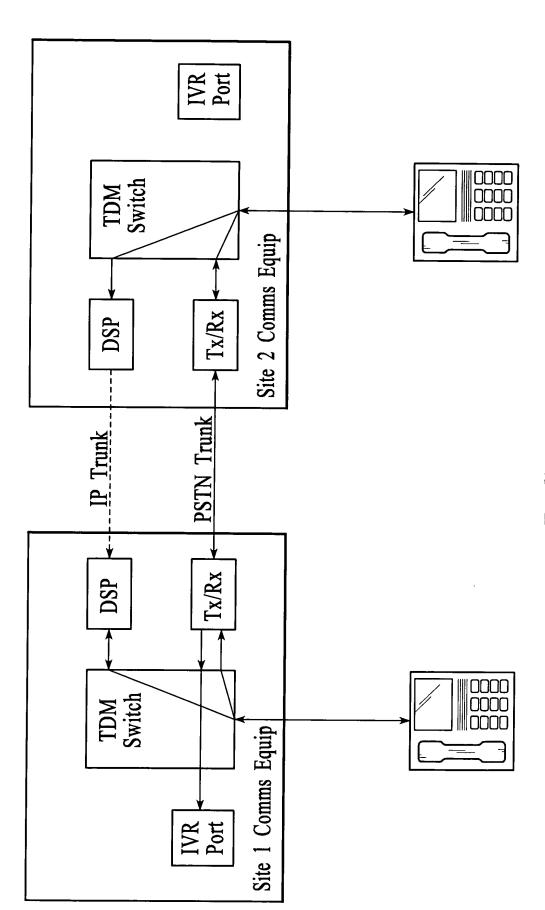


FIG. 48D



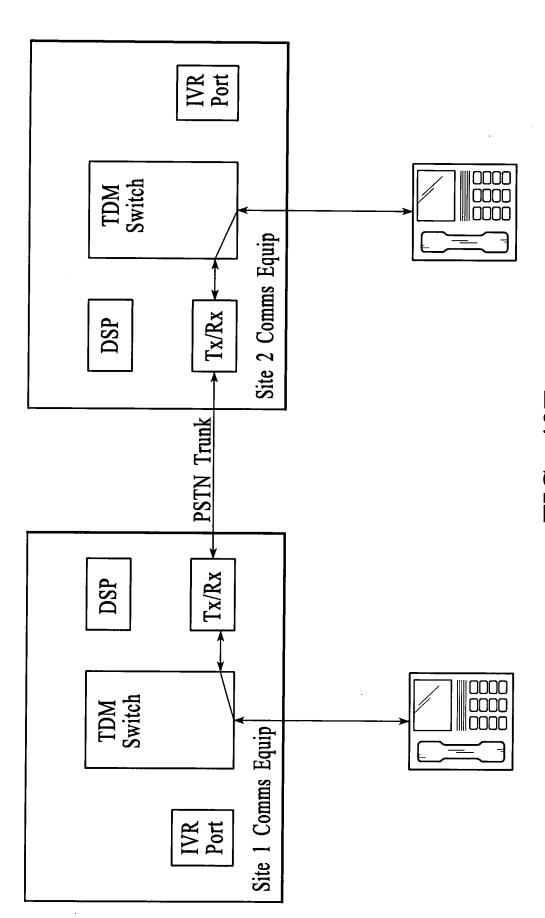
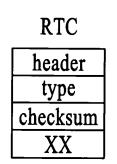


FIG. 48E





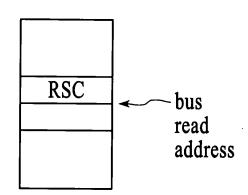


FIG. 49A

FIG. 49D

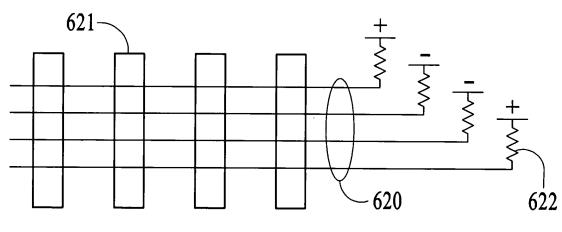


FIG. 49B

